GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: September 10, 2004, 20:41:36 ; Search time 94 Seconds
(without alignments)
788.078 Million cell updates/sec

Title: US-09-919-162F-6
Perfect score: 1244
Sequence: 1 MMPKHCFLGFLISFFLTGVA.....YQPMLDRRSQRSEERCVEIP 231

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1335176 seqs, 320689617 residues

Total number of hits satisfying chosen parameters: 1335176

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA:*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*
10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	1244	100.0	231	9	US-09-728-911-2	Sequence 2, Appli
2	1244	100.0	231	9	US-09-949-192-6	Sequence 6, Appli
3	1244	100.0	231	10	US-09-961-404-4	Sequence 4, Appli
4	1244	100.0	231	10	US-09-746-375-33	Sequence 33, Appl
5	1244	100.0	231	12	US-10-245-752-114	Sequence 114, App
6	1244	100.0	231	12	US-10-245-859-114	Sequence 114, App
7	1244	100.0	231	12	US-09-919-162E-6	Sequence 6, Appli
8	1244	100.0	231	14	US-10-245-103-114	Sequence 114, App
9	1244	100.0	231	14	US-10-245-107-114	Sequence 114, App
10	1244	100.0	231	14	US-10-245-143-114	Sequence 114, App
11	1244	100.0	231	14	US-10-245-771-114	Sequence 114, App
12	1244	100.0	231	14	US-10-245-851-114	Sequence 114, App
13	1244	100.0	231	14	US-10-245-883-114	Sequence 114, App
14	1244	100.0	231	14	US-10-237-535-114	Sequence 114, App
15	1244	100.0	231	14	US-10-238-183-114	Sequence 114, App
16	1244	100.0	231	14	US-10-238-283-114	Sequence 114, App
17	1244	100.0	231	14	US-10-238-370-114	Sequence 114, App
18	1244	100.0	231	14	US-10-245-055-114	Sequence 114, App
19	1244	100.0	231	14	US-10-245-147-114	Sequence 114, App
20	1244	100.0	231	14	US-10-245-730-114	Sequence 114, App
21	1244	100.0	231	14	US-10-245-739-114	Sequence 114, App
22	1244	100.0	231	14	US-10-246-210-114	Sequence 114, App
23	1244	100.0	231	14	US-10-239-196-114	Sequence 114, App
24	1244	100.0	231	14	US-10-090-365-2	Sequence 2, Appli
25	1244	100.0	231	14	US-10-243-024-114	Sequence 114, App
26	1244	100.0	231	14	US-10-243-409-114	Sequence 114, App
27	1244	100.0	231	14	US-10-245-621-114	Sequence 114, App
28	1244	100.0	231	14	US-10-245-880-114	Sequence 114, App
29	1244	100.0	231	14	US-10-245-033-114	Sequence 114, App
30	1244	100.0	231	14	US-10-243-095-114	Sequence 114, App
31	1244	100.0	231	14	US-10-245-185-114	Sequence 114, App
32	1244	100.0	231	14	US-10-245-427-114	Sequence 114, App
33	1244	100.0	231	14	US-10-245-473-114	Sequence 114, App
34	1244	100.0	231	14	US-10-245-770-114	Sequence 114, App
35	1244	100.0	231	14	US-10-245-877-114	Sequence 114, App
36	1244	100.0	231	14	US-10-246-976-114	Sequence 114, App
37	1244	100.0	231	14	US-10-243-320-114	Sequence 114, App
38	1244	100.0	231	14	US-10-242-743-114	Sequence 114, App
39	1244	100.0	231	14	US-10-242-845-114	Sequence 114, App
40	1244	100.0	231	14	US-10-104-919-2	Sequence 2, Appli
41	1244	100.0	231	14	US-10-104-919-38	Sequence 38, Appl
42	1244	100.0	231	14	US-10-237-636-114	Sequence 114, App
43	1244	100.0	231	14	US-10-238-325-114	Sequence 114, App
44	1244	100.0	231	14	US-10-238-346-114	Sequence 114, App
45	1244	100.0	231	14	US-10-238-411-114	Sequence 114, App

ALIGNMENTS

RESULT 1
US-09-728-911-2
; Sequence 2, Application US/09728911
; Patent No. US20020012669A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Kindsvogel, Wayne
; APPLICANT: Chen, Zhi
; TITLE OF INVENTION: Human Cytokine Receptor
; FILE REFERENCE: 99-93
; CURRENT APPLICATION NUMBER: US/09/728,911
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/169,049
; PRIOR FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: US 60/232,219
; PRIOR FILING DATE: 2000-09-13
; PRIOR APPLICATION NUMBER: US 60/244,610
; PRIOR FILING DATE: 2000-10-31
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 231
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-728-911-2

Query Match 100.0%; Score 1244; DB 9; Length 231;
Best Local Similarity 100.0%; Pred. No. 2.7e-120;
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy          1 MMPKHCFLGFLISFFLTGVAGTQSTHESLKPQRVQFQSRNFHNILQWQPGRALTGNSSVY 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MMPKHCFLGFLISFFLTGVAGTQSTHESLKPQRVQFQSRNFHNILQWQPGRALTGNSSVY 60

Qy         61 FVQYKIYGQRQWKNKEDCWGTQELSCDLTSETSDIQEPYYGRVRAASAGSYSEWSMTPRF 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 FVQYKIYGQRQWKNKEDCWGTQELSCDLTSETSDIQEPYYGRVRAASAGSYSEWSMTPRF 120
```

```
Qy        121 TPWWETKIDPPVMNITQVNGSLLVILHAPNLPYRYQKEKNVSIEDYYELLYRVFIINNSL 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 TPWWETKIDPPVMNITQVNGSLLVILHAPNLPYRYQKEKNVSIEDYYELLYRVFIINNSL 180

Qy        181 EKEQKVYEGAHRAVEIEALTPHSSYCVVAEIYQPMLDRRSQRSEERCVEIP 231
              |||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 EKEQKVYEGAHRAVEIEALTPHSSYCVVAEIYQPMLDRRSQRSEERCVEIP 231


RESULT 2
US-09-949-192-6
; Sequence 6, Application US/09949192
; Patent No. US20020142292A1
; GENERAL INFORMATION:
;  APPLICANT: Parham, Christi L.
;  APPLICANT:  Gorman, Daniel L.
;  APPLICANT:  Kurata, Hirokazu
;  APPLICANT:  Arai, Naoko
;  APPLICANT:  Sana, Theodore R.
;  APPLICANT:  Mattson, Jeanine D.
;  APPLICANT:  Murphy, Erin E.
;  APPLICANT:  Savkoor, Chetan
;  APPLICANT:  Grein, Jeffery
;  APPLICANT:  Smith, Kathleen M.
;  APPLICANT:  McClanahan, Terrill K.
;  TITLE OF INVENTION: MAMMALIAN GENES; RELATED REAGENTS AND METHODS
;  FILE REFERENCE: DX01169K
;  CURRENT APPLICATION NUMBER: US/09/949,192
;  CURRENT FILING DATE:  2001-09-07
;  PRIOR APPLICATION NUMBER: 60/231,267
;  PRIOR FILING DATE: 2000-09-08
;  NUMBER OF SEQ ID NOS: 53
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
;   LENGTH: 231
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-949-192-6

  Query Match             100.0%;  Score 1244;  DB 9;  Length 231;
  Best Local Similarity   100.0%;  Pred. No. 2.7e-120;
  Matches  231;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MMPKHCFLGFLISFFLTGVAGTQSTHESLKPQRVQFQSRNFHNILQWQPGRALTGNSSVY 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MMPKHCFLGFLISFFLTGVAGTQSTHESLKPQRVQFQSRNFHNILQWQPGRALTGNSSVY 60

Qy         61 FVQYKIYGQRQWKNKEDCWGTQELSCDLTSETSDIQEPYYGRVRAASAGSYSEWSMTPRF 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 FVQYKIYGQRQWKNKEDCWGTQELSCDLTSETSDIQEPYYGRVRAASAGSYSEWSMTPRF 120

Qy        121 TPWWETKIDPPVMNITQVNGSLLVILHAPNLPYRYQKEKNVSIEDYYELLYRVFIINNSL 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 TPWWETKIDPPVMNITQVNGSLLVILHAPNLPYRYQKEKNVSIEDYYELLYRVFIINNSL 180

Qy        181 EKEQKVYEGAHRAVEIEALTPHSSYCVVAEIYQPMLDRRSQRSEERCVEIP 231
              |||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 EKEQKVYEGAHRAVEIEALTPHSSYCVVAEIYQPMLDRRSQRSEERCVEIP 231


RESULT 3
US-09-961-404-4
; Sequence 4, Application US/09961404
; Publication No. US20030022827A1
; GENERAL INFORMATION:
;  APPLICANT: WEISS, BERTRAM
;  APPLICANT:  SABAT, ROBERT
;  APPLICANT:  ASADULLAH, KHUSRU
;  APPLICANT:  TOSCHI, LUISELLA
;  TITLE OF INVENTION: THREE NEW MEMBERS OF THE CYTOKINE RECEPTOR
;  TITLE OF INVENTION:  FAMILY CLASS 2
;  FILE REFERENCE: SCH-1788
;  CURRENT APPLICATION NUMBER: US/09/961,404
;  CURRENT FILING DATE:  2001-09-25
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
;   LENGTH: 231
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-961-404-4

  Query Match             100.0%;  Score 1244;  DB 10;  Length 231;
  Best Local Similarity   100.0%;  Pred. No. 2.7e-120;
  Matches  231;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MMPKHCFLGFLISFFLTGVAGTQSTHESLKPQRVQFQSRNFHNILQWQPGRALTGNSSVY 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MMPKHCFLGFLISFFLTGVAGTQSTHESLKPQRVQFQSRNFHNILQWQPGRALTGNSSVY 60

Qy         61 FVQYKIYGQRQWKNKEDCWGTQELSCDLTSETSDIQEPYYGRVRAASAGSYSEWSMTPRF 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 FVQYKIYGQRQWKNKEDCWGTQELSCDLTSETSDIQEPYYGRVRAASAGSYSEWSMTPRF 120

Qy        121 TPWWETKIDPPVMNITQVNGSLLVILHAPNLPYRYQKEKNVSIEDYYELLYRVFIINNSL 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 TPWWETKIDPPVMNITQVNGSLLVILHAPNLPYRYQKEKNVSIEDYYELLYRVFIINNSL 180

Qy        181 EKEQKVYEGAHRAVEIEALTPHSSYCVVAEIYQPMLDRRSQRSEERCVEIP 231
              |||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 EKEQKVYEGAHRAVEIEALTPHSSYCVVAEIYQPMLDRRSQRSEERCVEIP 231


RESULT 4
US-09-746-375-33
; Sequence 33, Application US/09746375
; Publication No. US20030170823A1
; GENERAL INFORMATION:
;  APPLICANT: Presnell, Scott R.
;  APPLICANT:  Kindsvogel, Wayne
;  TITLE OF INVENTION: NOVEL CYTOKINE ZCYTO18
;  FILE REFERENCE: 99-106
;  CURRENT APPLICATION NUMBER: US/09/746,375
;  CURRENT FILING DATE:  2000-12-22
;  PRIOR APPLICATION NUMBER: US 60/172,105
;  PRIOR FILING DATE: 1999-12-23
;  PRIOR APPLICATION NUMBER: US 60/***,***
;  PRIOR FILING DATE: 2000-12-01
;  NUMBER OF SEQ ID NOS: 44
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 33
;   LENGTH: 231
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-746-375-33

  Query Match             100.0%;  Score 1244;  DB 10;  Length 231;
  Best Local Similarity   100.0%;  Pred. No. 2.7e-120;
  Matches  231;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MMPKHCFLGFLISFFLTGVAGTQSTHESLKPQRVQFQSRNFHNILQWQPGRALTGNSSVY 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MMPKHCFLGFLISFFLTGVAGTQSTHESLKPQRVQFQSRNFHNILQWQPGRALTGNSSVY 60

Qy         61 FVQYKIYGQRQWKNKEDCWGTQELSCDLTSETSDIQEPYYGRVRAASAGSYSEWSMTPRF 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 FVQYKIYGQRQWKNKEDCWGTQELSCDLTSETSDIQEPYYGRVRAASAGSYSEWSMTPRF 120

Qy        121 TPWWETKIDPPVMNITQVNGSLLVILHAPNLPYRYQKEKNVSIEDYYELLYRVFIINNSL 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 TPWWETKIDPPVMNITQVNGSLLVILHAPNLPYRYQKEKNVSIEDYYELLYRVFIINNSL 180

Qy        181 EKEQKVYEGAHRAVEIEALTPHSSYCVVAEIYQPMLDRRSQRSEERCVEIP 231
              |||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 EKEQKVYEGAHRAVEIEALTPHSSYCVVAEIYQPMLDRRSQRSEERCVEIP 231
```